

TB186 (Rev1) - Using Z Axis MPG Mode

The Z axis MPG mode will only work on DC systems with the CPU10. The Z axis handwheel **MUST** be plugged into the 6th axis encoder input. Please note that the standard MPGs that plug into the jog panel will not work.

The following must be set for it to work:

1. Parameter 19 needs bit 2 set.

Bit 0: MPG always active, Yes = 1, No = 0

Bit 1: MPG Speed Limit, x100 = 2, x10 = 0

Bit 2: Enable Z axis MPG, Yes = 4, No = 0

2. Parameter 45 needs the PLC input number that will be used to turn on/off the Z axis MPG Mode.

3. Parameter 46 needs set to the turns ratio of the Z axis handwheel. This value is the number of click/marks per revolution.

4. Parameter 47 needs set to the encoder counts of the Z axis handwheel.

Document History

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